

REMARKS

Claims 33 and 42 have been amended. Support for amended Claims 33 and 42 can be found in Figs. 2-4. Claim 46 has been added. Support for Claim 46 can be found at page 13, lines 1-9 and Fig. 4. Upon entry of this Amendment, which is respectfully requested, Claims 33 and 35-46 will be pending.

Response to Claim Rejections Under § 103

Claims 33-40 and 42-45 are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over U.S. Patent No. 6,057,051 to Uchida et al. in view of U.S. Patent No. 6,808,833 to Johnson. Applicants respectfully traverse.

According to the present invention, the fuel supply section, such as the fuel tank 216, of the fuel cell is directly attached to the heat-producing section 212 of the electric device (e.g., a CPU 236 and a hard disk 238), while the power-generating section, such as the battery main body 100, of the fuel cell is directly attached to a back of a display 240, which may be operable as a part of the heat-dissipating section of the electric device. *See*, Figs. 3A and 3B.

In addition, the fuel supply section of the fuel cell is connected to the battery main body 100 through a fuel supply piping 22 and a fuel recovery piping 224, both of which serve as a fuel channel. Further, the fuel channel is formed in the heat-dissipating section 226. *See*, Figs. 3B and 4.

Thus, one skilled in the art would readily understand that the fuel-supply section of the fuel cell according to the present invention is mechanically separated from the power-generating section, taking account of the structure of the electric device which has the heat-producing section and the heat-dissipating section.

In contrast, Uchida discloses a miniaturized fuel cell assembly wherein a fuel tank 5 (205) and a fuel cell body 4 (204) are integrated together. Further, the fuel cell body 2 is detachably received in a cell device-receiving portion 1a of the equipment. *See*, col. 5, lines 54-55.

Johnson fails to make up for the deficiencies of Uchida. Thus, Uchida and Johnson fail to render obvious the present claims. Accordingly, withdrawal of the rejection is respectfully requested.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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